Contents

	List of figures List of tables List of examples List of fact boxes Acknowledgements			
1	Setting the field: What is linguistic archaeology?			1
	1.1	What is li	inguistic archaeology? 1	
	1.2	Defining	the field: An overview of the	
		content a	nd organization of this book 2	
	1.3	Theoretic	cal preconditions for reconstructing	
		language	prehistory 6	
			acing language reconstruction in the	
		di	scipline of general linguistics 6	
		1.3.2 Co	ontroversies on the nature and	
			igin of human language 12	
	1.4 Core concepts in models and methods			
		0	ge reconstruction 14	
			efining and explaining pattern similarity 14	
			ne tree and wave models 17	
			umily-based and deep reconstruction: Ancestral	
	Furi	nc her readin	odes, proto-languages, and early language 18 g 23	
2	Bas	es: Struct	cures and components of human language	24
	2.1 Phonemes: The smallest units of speech 24			
	2.2 Words and word classes 28			

	2.3	8 8				
	2.4 Furt	of a language 33 2.4 How words are glued together in grammar 37 Further reading 41				
3	The	divers	sity and origin of human language	42		
	 3.1 Linguistic diversity and language population size 42 3.2 Origin of human language: Why, when, and how? 45 3.3 How to investigate linguistic diversity 50 Further reading 51 					
4	The	The comparative method 5:				
	4.1	Basic.	s of the comparative method 53			
		4.1.1	The comparative method and			
			language classification 53			
		4.1.2	The problem of etymology and			
			semantic change 56			
		4.1.3	Reconstructing grammar by the			
			comparative method 57			
	Further reading 59					
	4.2	Philology 59				
		4.2.1	Understanding the nature of writing and			
			interpreting writing systems 59			
		4.2.2	Interpreting the linguistic value of			
			writing 65			
		4.2.3	Understanding the meaning of words			
			and texts 68			
	Further reading 73					
	Useful resources 73					
	4.3 Historical linguistics 74					
		4.3.1	Historical linguistics: Using the comparative			
			method to observe language change 74			
		4.3.2	Sound change 75			
		4.3.3				
			meaning change, and borrowing 78			
		4.3.4	Analogy 82			
		4.3.5	Grammaticalization 83			
	Further reading 84					
	Useful resources 85					

5	The typological method	86		
	5.1 Basics of the typological method 86			
	Further reading 89			
	Useful resources 90			
	5.2 Data mining for typology: Language documentation 90			
	Further reading 93			
	Useful resources 94			
	5.3 Applying the typological method 94			
	5.3.1 Reconstructing early language 94			
	Further reading 99			
	5.3.2 Observing the evolution of language types 99			
	Further reading 101			
	5.3.3 Diachronic typology: Reconstructing the			
	typology of proto-languages 101			
	Further reading 106			
6	The phylogenetic method	107		
	6.1 Phylogenetic and computational methods: A survey 107			
	Further reading 111			
	6.2 Data mining for phylogenetic methods 112			
	Useful resources 116			
	6.3 Reconstruction of features of grammar, syntax,			
	and phonology 116			
	Further reading 123			
7	Archaeolinguistics: Words, artefacts, and ancient DNA			
	7.1 Basics of the archaeolinguistic approach 124			
	7.2 Methods of the archaeolinguistic approach 125			
	7.2.1 Reconstructing the vocabulary of			
	a proto-language 125			
	Further reading 127			
	7.2.2 Reconstructing the culture and beliefs of proto-			
	language communities through language 127			
	Further reading 129			
	7.2.3 Reconstructing language contact			
	and substrate influence 129			
	7.3 Connecting reconstructed language to archaeology,			
	ancient DNA, and prehistoric migrations 131			
	Further reading 137			

8	Linguistic anthropology: Relativist approaches to reconstructing language prehistory			138	
	8.1 The linguistic relativity approach: Reconstructing diversity 138				
	8.2	Metho	ods in linguistic relativity research 139		
			Observing small-scale societies 139 Designing experiments and stimuli for observing diversity of language-cognition-culture 140		
	8.3		asting results of small-scale societies -linguistically 141		
	Furi	Further reading 142			
9	The cultural evolutionary approach			143	
	9.1		view of the cross-disciplinary field of val evolution 143		
	9.2	Metho	odologies of the cultural evolutionary ach 145		
		11	Data design and base concepts for compiling data 145		
		9.2.2	Models and methods: Phylogenetic inference 147		
		9.2.3	Models and methods: Experimental design 149		
	9.3 Triangulation 151				
	Further reading 152				
10	Conclusion: Linguistic archaeology in the past, present, and future			153	
		liograp	•	157	
	Author Index Subject Index		176 177		